

# Checklist for T-Boat Inspections

This checklist is designed to be used by the owner or operator to pre-inspect their vessel prior to arrival of a Coast Guard Marine Inspector.

This checklist is not all inclusive. Additional information regarding each item can be found by referencing the applicable regulation. The owner and operator of a vessel is responsible for being familiar with the regulations pertaining to that vessel. This checklist is meant to be used as a guide only, is not intended to be used as the sole reference for properly maintaining and operating a vessel.

**Note:** Vessels that carry more than 12 passengers on an international voyage, i.e. Mexico, must meet the requirements listed here in addition to applicable SOLAS regulations.

Inspection Item	Regulation
<b>Documents and Administration</b>	
___ Certificate of Documentation or State Certificate of Registration	46 CFR 67.01-5
___ Certificate of Inspection (COI)	46 CFR 176.100
___ Stability Letter	46 CFR 176.306
___ Master's License	46 CFR 185.402
___ FCC Radio's Operator's License	46 CFR 184.50
___ FCC Station License/ Radio Telephony Safety Certificate	47 CFR 80
___ Oil Pollution Placard	33 CFR 155.450
___ Waste Management Plan	
<i>Required on vessels 40 feet in length or greater</i>	33 CFR 151.57
___ Emergency Check-off List	46 CFR 185.510
___ Emergency Broadcast Placard	46 CFR 184.506
___ 46 CFR 166-199 (Subchapter "T")	CID Policy 2-92
___ Compass Deviation Card	33 CFR 164.35(c)
___ Drug Testing Program	
<i>Must have proof of pre-testing for all crew members and random testing of at least 50% of the crew each year. Proper selection method for random tests.</i>	46 CFR 16.230
___ Drills	
<i>Crew training must be conducted and logged once every three months.</i>	46 CFR 185.420
___ Current Charts of Operating Area, Coast Pilot, Light List, Local Notices to Mariners, Rules of the Road and Tide Tables	46 CFR 184.420
<b>Lifesaving Equipment</b>	
___ Lifejackets	
<i>Vessel name stenciled on jacket. Reflective tape on both sides of jacket. Lights on jackets for vessels with coastwise or oceans route (check battery expiration date). Stowage location correctly marked. Proper number as indicated on COI .</i>	46 CFR 80.71-78
___ Lifefloat/Buoyant Apparatus	
<i>Ensure weak link is of correct breaking strength. Vessel name stenciled on craft.</i>	46 CFR 180.130-175
___ Ring Buoy	
<i>At least one ring must be fitted with a lifeline and waterlight (check battery expiration date).</i>	46 CFR 180.70

___ Distress Signals <i>Correct number for route. Stored appropriately.</i>	46 CFR 180.68
___ EPIRB <i>Route beyond 3 miles - 406 MHz installed to automatically float free and activate.</i>	46 CFR 180.64
___ Coast Guard approved or equivalent First Aid Kit	46 CFR 184.710
<b>Navigation and Radio Equipment</b>	
___ Navigation Lights	46 CFR 183.420
___ Navigation / Radio Equipment <i>Conduct operational tests of the following equipment</i> <div> <div>-Radios</div> <div>-Compass</div> <div>-Radar</div> <div>-Bell</div> <div>-Fathometer</div> <div>-Horn</div> <div>-LORAN/GPS</div> <div>-Required Day Shapes</div> </div>	46 CFR 184.402-420
<b>Firefighting Equipment</b>	
___ Portable Fire Extinguishers <i>Properly maintained and stored.</i>	46 CFR 181.500
___ Fixed Fire Extinguisher System <i>Serviced annually.</i> <i>(Vessels with wood or FRP hulls must have fixed firefighting by March 11, 1999).</i>	46 CFR 181.400-450
___ Fire Main System <i>Check condition of pumps, hoses, nozzles, and piping system.</i>	46 CFR 181.300-320
___ Additional Equipment <i>Fire axe for vessels over 65 feet.</i> <i>Fire buckets.</i>	46 CFR 181.600-610
<b>Engine Room Inspection</b>	
___ Emergency Fuel Shutoffs <i>Properly labeled. Test for proper operation.</i>	46 CFR 182.455
___ Batteries <i>Mounted correctly, properly ventilated. proper type connections.</i>	46 CFR 183.350-352
___ Engines <i>Two independent means of control.</i> <i>All hoses double clamped.</i>	46 CFR 182.410-430 46 CFR 184.620
___ Pressure Vessels <i>Test pressure relief valves. Open for internal inspection or hydro test to 1.25 of MAWP every 3 years.</i>	46 CFR 182.330 46 CFR 176.812
___ Electrical System <i>Proper connections, cable runs supported, new installations approved.</i>	46 CFR 183.200-340
___ Steering Gear <i>General condition, auxiliary means of steering. Test for proper operation.</i>	46 CFR 182.600-620
___ General Condition <i>Ventilation, machinery guarding, no fuel, oil, or water leaks.</i>	46 CFR 176.804 46 CFR 176.830
<b>Interior Inspection</b>	
___ Condition of bilges and bilge piping system <i>Test for proper operation.</i>	46 CFR 182.500-540
___ Marine Sanitation Device <i>Overboard discharge valve locked</i>	33 CFR 159
___ Below Deck Passenger Spaces <i>Emergency lighting.</i>	46 CFR 183.432

___ Structural Integrity <i>Condition of frames, longitudinals, hull plating, etc.</i> <i>No dryrot in wood, de-lamination in FRP, or <b>excessive</b> pitting in aluminum or steel.</i>		
<b>Exterior Inspection</b>		
___ Watertight hatches and doors		
<i>A hatch cover must be attached to hatch frame or coaming by hinges or captive chain.</i>		<b>46 CFR 179.330</b>
<i>Gasket and securing mechanism in good condition.</i>		<b>46 CFR 179.360</b>
___ Windows		
<i>Must be weather tight with no cracks or holes.</i>		<b>46 CFR 179.360</b>
___ Fuel Tank Vents		
<i>30x30 mesh screen installed.</i>		<b>46 CFR 182.450</b>
<b>Drydock Inspection</b>		<b>46 CFR 176.600-670</b>
___ Ensure Hull exterior is clean, but not freshly painted.  ___ Open all interior spaces and ventilate.  ___ Ensure bilges are clean and dry.  ___ All through hull valves must be opened.  ___ Remove all screens/strainers from exterior of hull.  ___ For wood vessels over 10 years old, be prepared to pull fasteners every 5 years. Be prepared to pull a keel bolt when vessel reaches 20 years old and then every 10 years thereafter.  ___ Wood and FRP vessels over 15 years old will be required to have vessel inspected while underway prior to carrying passengers.		